LABDEX

Online pH/ORP Controller LX100OPC

Email: info@labdex.com **website:** www.labdex.com

Description

Online pH/ORP controller LX100OPC is a portable unit with automatic temperature compensation (ATC) that provides high accurate results. It simultaneously display measured parameters such as pH, ORP, temperature, date and time. Measures primary controlling parameters pH and ORP. Alarm output according to the upper and low limits of conductivity.

Specifications

pH range	0 ~ 14 pH
pH resolution	0.01 pH
pH accuracy	± 0.05 pH
pH/ORP electrode	pH/ORP compound electrode
mV range	±1999mV; resolution: 1 mV
Temperature range	0 ~ 99.9 °C: resolution: 0.1°C
Temperature compensation	0 ~ 90°C auto
Ambient temperature	0 ~ 50 °C
Humidity	≤ 85 %
Alarm output	220 V / 6 A
Current output	4 mA ~ 20 mA Isolated DC output (Max Load : 750 Ω)
Power	110 V 220 V 240 V
Dimensions	Frame dimensions : 96 mm × 96 mm Panel dimensions : 91 mm × 91 mm Depth: 100 mm

Features

- Digital display that can be simultaneously show pH, ORP, mV temperature, date and time
- RS-232 interface
- Automatic temperature compensation
- Alarm output according to the upper and low limits of pH value

- Pipe-thread connecting electrode
- Easy calibration

Applications

- Used in chemical, pharmaceutical, food industries and medical laboratories. Also widely used for laboratory analysis, soil and water quality tests, etc.

Electrode Specifications

pH/ORP electrode	Compound electrode (LX4100)
pH range	0-14
Temperature range	5-80°C
Inner reference type	Ag/Agcl
Membrane shape	Glass Hemisphere
ATC type	Pt100, pt1000, 10k, 2.252K, 30K, thermisor
Shaft material	PPS
Electrode length	147 mm
Thread	3/4” NPT

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com